



Pursuant to A.R.S. § 38-431.02, notice is hereby given to the members of the CLIMATE CHANGE COMMITTEE and to the general public that THE CLIMATE CHANGE COMMITTEE will hold the following meeting which will be open to the public:

2015
CLIMATE CHANGE COMMITTEE

September 16, 2015

MINUTES

The CLIMATE CHANGE COMMITTEE (CCC) held a meeting on Wednesday, September 16, 2015, 3:00 PM, at the City of Tucson City Hall (255 W. Alameda), Tucson, Arizona. The meeting took place in the 1st Floor East Conference Room.

1. Call to Order/ Roll call

The meeting was called to order at 3:04 pm. Juan Garcia, Gregg Garfin, Dick Reeves, Ben Champion, Phil Swaim, Ron Proctor, Nicole Sweeney, Lisette DeMars, Joanie Sawyer, Michael Ray, Barbara Warren

2. Tucson Clean and Beautiful presentation

Tucson Clean and Beautiful gave a presentation

3. Action: August 19, 2015 Minutes

Ben made a motion to approve the August minutes as amended. Dick seconded the motion and it was unanimously approved.

4. General Announcements

Ben - UofA students in attendance, one of which is a sustainability ambassador – engaged with community partners to find ways for the UA to support sustainability efforts in the community. They may be in touch with your organizations to find ways to support this committee's work.

Nicole – Reminder of why we are meeting downtown

- Arizona Farmer & Chef Connection at TCC
- Planning Commission Public Hearing on Urban Agriculture at City Hall

Ron – Robert Bulechek will be speaking 9/17/2015 at PAG regarding his vision of what a future electricity grid will look like in a zero carbon environment.

5. Status: CCC Membership update

Staff informed the Committee that Dr. James Sell's appointment would be on the September 22, 2015 Mayor and Council agenda. Linda Ellinor has expressed interest in Joining the Committee, her letter of

interest, resume and bio have been distributed to the committee via email, and copies were reviewed at the meeting. Barbara nominated Linda Ellinor for the alternate Grassroots advocacy seat. Michael seconded the nomination, and it was unanimously approved.

6. Mayor and Council Meeting updates

Joanie and Ron met with Ward 4 CM Scott, Teresa Olson, and Lannie Patel regarding the "Net Zero" recommendation letter.

- Supportive of sustainability
- How do we achieve the goal, what measures?
- Supported cool roofs initiative, resistance from building community
- Open to continued discussion
- Very similar to other Council Members

7. Co-chair elections update

Ben Champion and Gregg Garfin were nominated for the Co-Chair positions. Elections will be held at the October meeting.

8. Discussion: Potential mitigation measures for Mayor and Council distribution

2040 Net Zero goal, how do we achieve this goal? Brainstorm session:

- Franchise Fee Funds – going into general fund but could be used to fund adopted mitigation plan and/or other proposals (10 mil)
- Negotiate franchise fee to support mitigation measures
- Regional and site scale water management – slow the movement of water to encourage greater percolation, support increased tree canopy, capture rainfall for use
- Mitigation measures that were reviewed but not recommended by the CCC
 - Carbon tax fee
 - Gas tax
 - Vehicle registration fee
 - Adopted GHG mitigation plan
 - Cool roofs program
- Improve energy efficiency of existing housing stock
 - Pace enabling legislation
 - Point of sale requirements
- Carbon Reduction strategies from
 - Net zero emissions in 100% of building
 - 30-50% emissions reduction in 100% of existing buildings
 - 3% annual improvements in EE of industrial and overall building energy use reduction of 15% industrial sector
 - Achieving annual net decreases in total in total vehicles miles traveled
 - Decreasing emissions per vehicle miles traveled by 50-70%
 - Eliminated 100% of landfilled/incinerated waste
 - Achieving 80-90% de-carbonization of electricity and heating supply
 - Implement efficient land use plan
 - Designing municipal infrastructure for performance
 - Pima County
- Support stronger building codes, beyond IECC
- Requires either funding or regulations (or both) and currently we have neither
- Adopted Plan Tucson measures

9. Adaptation subcommittee report

Gregg - Work on the report is continuing.

- Focused on six sections
 - Built Environment
 - Urban Food Systems
 - Health and Human Services
 - Land Use and Transportation
 - Urban Natural Resources
 - Water Resources
- Outlined set of climate challenges in terms of the best available science
 - Projected Temperature
 - Projected Precipitation
 - Drought
 - Snow Pack
 - Water Supply Areas
 - Wind
- Each section of interim report structured to have a section on scope and context for each the six areas, the vulnerabilities including their exposure to the various projected climate changes and their linkages to the other of the six areas. Example: linkages and vulnerabilities between Transportation and the Built Environment.
- Put together sets of short, intermediate, and long term strategies
- Completed sections for Health and Human Services, Built Environment, working on the others.
- Between now and next CCC meeting, update and integrate the sections, write an introduction and a brief summary of endorsable actions as requested by M&C.
- Will distribute to the committee for review and suggestions, will go from there.
- Implementation process will recognize that institutions/entities throughout the communities will need to go through their own processes looking at this framework, examining their own vulnerabilities and developing their own sense of climate adaptation resilience, sharing their implementations to aggregate and develop a community wide plan.
- Opportunity for the UofA to be pilot institution, join new commitment by Second Nature, rates University sustainability, based on adaptation and community resilience to supplement their commitment to carbon neutrality. University could be one of first institutions in the community to go through this process, show how it can be done. A couple of success stories, M&C can use these models to convene others to implement similar activities.

10. Future agenda items

The committee requested the next agenda include:

- Adaptation subcommittee report (A draft of the report will be distributed to the full CCC on or about October 5 for review prior to the October 21, 2015 meeting)
- Co-chair election
- Carbon fee discussion

11. Call to Audience

Robert Bulechek – The CCC may want to consider pushing the Council on is the electrification of the municipal fleet, Los Angeles has converted hundreds of their fleet to pure electric or hybrid did it under a lease program that was cash flow positive for them. Major sustainability program that the City did that saved them money. Other cities are also electrifying their bus fleets. This is something very doable under lease programs in a cash flow neutral or cash flow positive way.

Susan Cotty – As far as the sustainable issues in Plan Tucson, does the City have some mechanism to fund and enact them? Items in Plan Tucson that dovetail with the efforts of this committee, and it is OIP's role to implement Plan Tucson

12. Adjournment

The meeting was adjourned at 5:10 PM